

## **ABSTRACT**

Included is a method for detecting spinocerebellar ataxia type 10 (SCA10) by measuring the presence or absence of a DNA expansion in a gene locus associated with spinocerebellar ataxia type 10. The method employs extracting DNA from a sample to be tested, amplifying the extracted DNA; and identifying the presence or absence of a DNA expansion in the amplified extension products. Also included in the present invention are a kit for diagnosis of SCA10 and non-human transgenic eukaryotes that are not expressing or overexpressing SCA10.